Index of Claims

| Applica | tion/Cor | ntrol No. |
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10/733,117 Examiner

Applicant(s)/Patent under Reexamination

NICKEL-JETTER ET AL.

Art Unit

Nguyen N. Hanh

2834

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| Cla           | aim             |                 | Date           |  |                |          |   |                 |        | Cla                    | Claim Date  |   |         |          |          | С            | laim                | Date     |          |          |          |                 |          |          |          |          |          |               |          |
|---------------|-----------------|-----------------|----------------|--|----------------|----------|---|-----------------|--------|------------------------|-------------|---|---------|----------|----------|--------------|---------------------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|----------|---------------|----------|
|               | <sub>_س</sub> ا | 20/8/19         | <b>\</b>       |  | П              |          |   |                 |        |                        | <del></del> |   |         | $\Box$   | T        |              |                     |          |          |          |          | Γ               |          |          |          |          |          | П             |          |
| Final         | Original        | 1 %             | -              |  |                |          |   |                 |        | Final                  | Original    |   |         | 1        |          |              | 11                  |          | त्त      | Original |          |                 |          |          |          |          |          | .             |          |
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|               | (T)             | 9               | -              |  | _              | _        | $\top$                                  |                 | ١      |                        | 51          |   | _       | $\Box$   | $\dashv$ | +            | +                   | $\dashv$ |          | 101      | ┢        |                 | Н        |          | $\vdash$ | $\vdash$ | $\dashv$ | -             | $\dashv$ |
| $\vdash$      | 2               |                 | $\vdash$       |  | $\dashv$       |          | +-                                      | $\vdash$        | -      |                        | 52          | $\vdash$  | +       | 1        |          |              | $\vdash$            | -        | -        | 102      | ┢        | $\vdash$        | -        | $\vdash$ | $\vdash$ | _        | -        | $\dashv$      | $\dashv$ |
| -             | 3               | Н               | $\vdash$       |  | $\dashv$       | $\dashv$ | +                                       | ┝╼┝             | -      |                        | 53          | $\vdash$  | +       | 1-1      | +        | ┰            | -                   | -        | -        | 103      | ├        | -               | Н        | $\vdash$ | Н        | _        | $\vdash$ | -             | $\dashv$ |
|               | 4               | Н               | ┝              | Н  | $\dashv$       |          | +                                       | $\vdash$        | -      | $\vdash$               | 54          | -   |         | +        |          | +            | -                   |          | _        | 103      | ├        | $\vdash$        | Н        |          | Н        | -        | $\vdash$ | -             | $\dashv$ |
| $\vdash$      | 5               | Н               | ⊢              | <del>  </del>  | $\dashv$       |          | +                                       | $\vdash$        | ⊣∭     |                        | 55          | +   | ┰       | +        | +        | - -          | ₩                   | -        |          |          | ┢        | $\vdash$        | Н        |          | -        | ļ.,      | $\vdash$ | $\dashv$      |          |
|               | 6               | Н               | -              | ╢  | $\dashv$       |          | +                                       | ┝               | -      | <b> </b> -             | 56          |   | +       | +        | $\dashv$ | ┰            | <del>├</del> ─├     | -        |          | 105      | ⊢        | <u> </u>        | Н        |          | Н        | _        | -        | -             |          |
|               | 7               | H               | ├              | $\vdash$   | -+             | +        | +                                       |                 | -      |                        | 57          |   | +       | 1-1      | $\dashv$ |              | $\vdash$            |          |          | 106      | ├-       | ⊢               | Н        |          |          | $\vdash$ | $\vdash$ | $\rightarrow$ | ᆜ        |
|               | 8               | H               | $\vdash$       | $\vdash$   | -+             | +        | +                                       | ┝╼┝             | -      |                        | 58          | $\vdash$  | +-      | $\vdash$ |          |              | -                   | -        |          | 107      | ⊢        | H               | Н        |          |          |          | -        | $\dashv$      | _        |
| -             | 9               | Н               | ⊢              |  | -+             |          | +-                                      |                 | -      | <u> </u>               |             | $\vdash$  | +-      | +        |          |              |                     | -        |          | 108      | L        |                 | Н        |          |          | Н        |          | $\dashv$      |          |
| -             |                 | H               | -              | -  | <del>.  </del> | +        | +                                       | ┝─┼             |        |                        | 59          | $\vdash$  | +       | ╂╼┤      |          |              | ╌                   | - ::::   |          | 109      | <u> </u> | L               |          |          | _        | Н        | _        | $\dashv$      | ᆜ        |
| <u> </u>      | 10              | H               | <u> </u>       | $\vdash \vdash$  | -              | -        | +                                       | ⊢⊢              | -      |                        | 60          | -   | +       | $\vdash$ |          | 4            | -                   | - !!!!   |          | 110      | <u> </u> | <u> </u>        | Щ        | _        |          | Ш        | _        | -             | _        |
| <u> </u>      | 11              | $\vdash \vdash$ | -              | $\vdash \vdash$  | $\dashv$       | +        | +                                       | $\vdash \vdash$ | -      |                        | 61          |   | +-      | ┦        |          | -            | $\vdash$            |          | <u> </u> | 111      | <u> </u> | $\vdash$        | Ш        |          | Щ        | Щ        |          | 4             | _        |
|               | 12              | ╟               | $\vdash$       | $\vdash \vdash$  | $\dashv$       |          | +                                       |                 | - :::  |                        | 62          | $\perp$   | +       | $\vdash$ |          | +            | - -                 |          | <u> </u> | 112      | <u> </u> |                 | Ш        |          | Щ        | Щ        | Ц        | _             |          |
| <u> </u>      | 13              |                 | $\vdash$       | $\vdash \vdash$  | 4              | - -      | $\vdash$                                | $\vdash$        | -      | $\vdash$               | 63          | $\vdash \vdash$   | +       | $\sqcup$ | _        | $\bot$       | $\sqcup$            | 4        |          | 113      | L_       |                 | Щ        |          | Ш        | Ш        | Щ        | $\bot$        |          |
|               | 14              | Η.              | <del>  -</del> | Щ  | -              | $\dashv$ | +                                       | $\vdash$        | 4      |                        | 64          | $\perp$   | _       | $\sqcup$ | _        | $\bot$       | $\vdash$            | _        | <u> </u> | 114      | L        | Ш               |          |          |          | Ш        |          |               |          |
|               | 15              | Щ.              | $\vdash$       | $\sqcup$   | $\dashv$       | $\bot$   | 1_                                      | $\vdash$        | 4      | <b></b>                | 65          | $-\!$ | $\perp$ | $\sqcup$ |          |              |                     | _        |          | 115      | <u> </u> | Щ               | Ш        |          | Ш        | Ш        |          | [             | ]        |
| <u> </u>      | 16              | Щ               | <u> </u>       | Щ  | 4              |          | $\perp$                                 | $\sqcup$        | 4      |                        | 66          |   | ┦_      | $\sqcup$ |          | <del> </del> | $\sqcup$            | _        |          | 116      |          |                 | Ш        |          | Ш        | Ш        |          | $\perp$       |          |
| <u> </u>      | 17              | Ш               | <u> </u>       | Ш  | $\perp$        |          | $\sqcup$                                | $\sqcup \bot$   | 4      | $oxed{oxed}$           | 67          | ot  |         |          | L        | $\bot$       | $\sqcup$            | _        |          | 117      |          |                 | $\Box$   |          |          |          |          | $\Box$        |          |
| <u></u>       | 18              | Щ               | L              | Ш  | $\perp$        |          |   |                 | _      |                        | 68          | ot  |         | Ш        |          |              | Ш                   | _        |          | 118      |          |                 |          |          |          |          |          |               |          |
| <u></u>       | 19              | Щ               | Ŀ              | Ш  | $\perp$        |          |   |                 | _      |                        | 69          |   |         | Ш        |          |              |                     |          |          | 119      |          |                 |          |          |          |          |          | Т             |          |
|               | 20              | Ш               |                | Ш  |                |          |   |                 | _      |                        | 70          |   |         |          |          | $\perp$      | $\Box T$            |          |          | 120      |          |                 |          |          |          |          |          | $\Box$        |          |
|               | 21              |                 |                |  |                |          |   |                 |        |                        | 71          |   |         | $I^-I$   |          | T            | П                   | 7        |          | 121      |          |                 |          |          |          |          | $\neg$   | $\neg$        |          |
|               | 22              |                 |                |  |                |          |   |                 |        |                        | 72          |   |         | П        |          |              | П                   |          |          | 122      |          |                 |          |          |          |          |          | ヿ             |          |
|               | 23              | $\perp$         |                |  |                |          |   |                 |        |                        | 73          |   |         | П        |          |              |                     | 7        |          | 123      |          |                 |          |          |          |          |          | ヿ             | $\neg$   |
|               | 24              |                 |                |  |                |          |   |                 | 7:::   |                        | 74          |   |         | П        |          |              |                     | 7        |          | 124      |          |                 |          |          |          |          | $\dashv$ | $\neg$        | $\neg$   |
|               | 25              |                 |                |  |                |          |   |                 | 7      |                        | 75          |   |         | П        |          |              |                     | 7        |          | 125      |          |                 |          | -        |          |          |          | $\neg$        | $\neg$   |
|               | 26              | 2               |                |  |                |          | П                                       |                 | 7      |                        | 76          |   |         | П        |          |              |                     | 7888     |          | 126      |          |                 |          |          | П        |          |          | $\dashv$      |          |
|               | 27              | -               | ľ              |  |                |          |   |                 | 7      |                        | 77          |   | 1       | П        |          |              |                     | 7        |          | 127      |          |                 |          |          |          | П        |          | $\dashv$      | ᅥ        |
|               | 28              |                 |                |  |                |          | I I I                                   | $\Box$          |        |                        | 78          |   |         |          |          |              |                     | 788      |          | 128      |          | П               |          |          |          | П        | $\dashv$ | 十             | ᅥ        |
|               | 29              |                 |                |  | $\neg$         | T        | $\top$                                  |                 |        |                        | 79          |   |         | П        | $\neg$   | $\top$       | $\Box$              | 788      |          | 129      |          |                 | $\Box$   |          |          | П        | 寸        | $\dashv$      | ᅥ        |
|               | 30              |                 |                |  | $\neg$         |          | $\Box$                                  | $\vdash$        |        |                        | 80          |   | 1       | П        | _        | 1            | $\vdash$            |          |          | 130      |          | Н               | $\dashv$ | $\neg$   | $\dashv$ | Н        | $\dashv$ | $\dashv$      | ᅱ        |
|               | 31              |                 |                |  |                | 1        | П                                       |                 |        |                        | 81          | $\neg$  | $\neg$  | $\Box$   |          | 1            |                     |          |          | 131      | -        | Н               | $\vdash$ | $\neg$   | $\dashv$ | $\vdash$ | -        | 十             | $\dashv$ |
|               | 32              |                 |                | П  | $\top$         | $\top$   | $\top$                                  |                 | ۱      | П                      | 82          | $\dashv$  | $\top$  | 1-1      | _        | +            | $\vdash$            | -        |          | 132      |          | Н               | $\vdash$ | $\dashv$ |          | $\vdash$ | -        | $\dashv$      | $\dashv$ |
|               | 33              |                 |                | $\Box$   | 十              |          | $\Box$                                  | $\vdash$        | ٦      | М                      | 83          | $\dashv$  | $\top$  | 1        | $\dashv$ | +            | $\vdash$            | ١        |          | 133      |          | Н               | $\vdash$ | $\dashv$ |          | $\vdash$ | -+       | +             | $\dashv$ |
|               | 34              |                 |                | $\dashv$   | 十              |          | $\top$                                  | $\vdash$        | 1      | $\vdash$               | 84          | $\top$  | $\top$  | $\Box$   | $\dashv$ | +            | $\vdash$            | ۱        |          | 134      | H        | Н               | $\vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | +             | $\dashv$ |
|               | 35              |                 |                | $\Box$   | _              | $\top$   | 17                                      | $\vdash$        | ١      | Н                      | 85          | _   | +-      | Н        | $\dashv$ | +-           | $\vdash$            | ۱        |          | 135      | H        | H               | $\vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | +             | $\dashv$ |
|               | 36              |                 | $\vdash$       | $\vdash$   | $\dashv$       | $\dashv$ | 1 1                                     |                 | 1      |                        | 86          | $\dashv$  | +       | 1        | $\dashv$ | +            | $\vdash$            | -        |          | 136      | $\vdash$ | Н               | $\dashv$ |          |          |          | $\dashv$ | +             | $\dashv$ |
|               | 37              |                 |                | $\vdash$   | $\dashv$       | $\dashv$ | +                                       |                 | ١      | $\vdash$               | 87          | +   | +       | H        | $\dashv$ | +            | <del>   </del>      | -        |          | 137      |          | Н               | $\vdash$ | _        |          | Н        | $\dashv$ | $\dashv$      | $\dashv$ |
|               | 38              |                 |                | $\vdash$   | +              | $\top$   | 1                                       | $\dashv$        | -      | H                      | 88          | +   | +       | H        | $\dashv$ | +-           | - -                 | -        |          | 138      | $\vdash$ | $\vdash$        | $\dashv$ | -        |          | $\vdash$ | $\dashv$ | $\dashv$      | ᅱ        |
| $\overline{}$ | 39              |                 |                |  | $\dashv$       | +        | +                                       | +               | -      | $\vdash$               | 89          | $\dashv$  | +       | $\vdash$ | $\dashv$ | +-           | <del>   </del> -    | -        |          | 139      | H        | Н               | $\dashv$ | -        |          | $\vdash$ | $\dashv$ | $\dashv$      | $\dashv$ |
| _             | 40              |                 | -              | $\dashv$   | +              | $\dashv$ | 1 1                                     | -               | ۱      | $\vdash\vdash\vdash$   | 90          | $\dashv$  | +-      | $\vdash$ | $\dashv$ | +-           | -                   | -        |          | 140      | $\vdash$ | Н               | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$      | $\dashv$ |
|               | 41              | <del>-</del>    | Н              | $\dashv$   | +              | +        | 1 1                                     | $\dashv$        | -      | ┝╾┤                    | 91          | +   | +-      | $\vdash$ | -        | +            | $\vdash$            | -        |          | 141      | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$      |          |
|               | 42              |                 | H              | $\dashv$   | +              | +        | +-                                      | +               | -      | $\vdash\vdash\vdash$   | 92          | +   | +       | $\vdash$ |          | +            | $\vdash \vdash$     | -        |          | 141      | Н        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$      | $\dashv$ |
|               | 43              |                 | $\vdash$       | $\dashv$   | +              | +        | +                                       | -+              | -      | $\vdash \vdash \vdash$ | 93          | +   | +       | 1-1      | +        | ┿            | $\vdash \vdash$     | -        |          |          | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$      |          |
| $\vdash$      | 44              | -               | $\vdash$       | $\dashv$   | +              | +        | +                                       | $\dashv$        | -      | $\vdash \vdash \vdash$ | 94          | -   | +-      | $\vdash$ | -        | +            | $\vdash \vdash$     |          |          | 143      | Н        | $\vdash \vdash$ |          |          | $\dashv$ | -        | $\dashv$ | $\dashv$      | $\dashv$ |
| $\vdash$      | 45              |                 | $\dashv$       | $\dashv$   | $\dashv$       | - -      | +                                       |                 | -      | ├─┤                    | 95          |   | +       | -        | +        | +            |                     | -{       |          | 144      | Н        | $\vdash$        |          | $\dashv$ |          |          | $\dashv$ | -             |          |
| $\vdash$      | 46              |                 | $\vdash$       | -  | +              | +-       | ╂┼┤                                     | -+              | - :::: |                        |             |   | +       | $\vdash$ |          | +            |                     | -        |          | 145      | Н        | $\vdash$        | $\dashv$ | _        | _        | _        | 4        | 4             | 4        |
| $\vdash$      | 47              | -               | -i             | $\dashv$   | +              | -        | ┨                                       | $-\!\!\!+$      | -      | ┝─┤                    | 96          | -   | +       | $\vdash$ |          | +            | $\vdash$            | -        |          | 146      | Щ        | $\sqcup$        | $\dashv$ | 4        | _        |          | $\dashv$ | $\dashv$      | $\dashv$ |
|               | 47              |                 |                | $\dashv$   | +              | -        | ╂╾┥                                     | +               | -      | <del>  </del>          | 97          | -   | +-      | $\vdash$ |          | +-           | $\vdash \vdash$     |          |          | 147      | Ш        |                 |          |          | _        | _        | _        | 4             | _        |
| <b> </b>      |                 |                 | $\dashv$       | $\dashv$   | +              |          | +                                       |                 | -      | $\vdash \vdash \vdash$ | 98          | +   | +-      | $\vdash$ |          | +            | $\vdash \downarrow$ | -        |          | 148      | Щ        | Щ               |          | _        | _        | _        | _        | _             | _        |
|               | 49              | _               | -              | $\dashv$   | +              | +        | ┦┤                                      | $\dashv$        |        | ├─┤                    | 99          | -   | +-      | $\sqcup$ |          | $\bot$       | $\sqcup \bot$       | 4        |          | 149      | Ш        | Щ               | _        |          | _        | $\Box$   | $\dashv$ | $\dashv$      | ╝        |
|               | 50              |                 |                | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | 丄              |          | لــــــــــــــــــــــــــــــــــــــ |                 | _]:::: | لـــــا                | 100         | $\bot$  |         | L_       |          |              | 1 1                 | ]:::::   |          | 150      |          | I               | - 1      | - 1      |          | i        | - f      |               | - 1      |